# THE GLOBE-REPUBLICAN.

The FORD CO. GLOBE, Established 1877. Consolidated, 1889.

DODGE CITY, KANSAS, WEDNESDAY, FEBRUARY 4, 1891.

Interest till July 24, 1890. Arril 17, 1888. April 22, 1888. July 7, July 2, Sept. 5, 1888. Sept. 5, 1888.

**Worthington Co's New Publications** 

WHARTON (Grace and Phillip). Wits and Beaux of Society. Original illustrations by H. K. Browne and James Godwin. In 2 vols., demy 8vo. English edition, 1890, \$5.00. Same in half morocco, extra \$10.00.

half morocco extra \$10.00.
WILSON'S NOTES AMBROSIAN & By Profs
Wilson, Lockhart, Hogg and Dr. Maginn, with
steel portraits and memoirs of the authors.
6 vols., crown 8vo, including "Christopher
North," a memoir of Prof. Wilson from family papers and other sources; by his daughter
Mrs. Gordon. Cloth \$3.00; half calf \$18.00.

NAPOLEON. Memoirs of the Life, Exile and Conversation of Emperor Napoleon, by Count de Las Cases: 4 vols., 12mo cloth, \$6.00; half calf, extra. \$12.00.

NAPOLEON IN EXILE, or a Voice from St. Helena. Opinions and reflections of Napoleon on the most important events in his life and government in his own words. By Barry E. O'Meara, his surgeon. Steel portrait of Napoleon. 2 vols., 12mo, cloth, \$3.00; half calf extra \$6.00.

GRAY. The Works of Thos. Gray in Prose and Verse. Edited by Gosse. 4 vols., crown 8vo., cloth, gilt top, \$6.00; half calf \$12.00.

FICTURESQUE IRELAND, descriptive and historical. With fifty full page engravings, and an account of its cities, towns, mountains, ancient monuments, etc., by Markfield Addey. 2 vols., quarto cloth, rilt edges \$10.00 half morocco, gilt edges, \$20.00.

NAPIER'S PENINSULAR WAR. By W.F.P. Napier; with 55 maps and plans of battles. 5 vols., 8vo., \$7.50; half calf \$15.00.

CYCLOPEDIA OF ARTS AND SCIENCES. illustrated with over 3000 engravings. I vol. 440, cloth, \$6,00; sheep \$7.50; half morocco ex-

Get the Benefit!

By sending to us for whatever you may need in

NOTIONS.

LADIES' AND CHILDREN'S FINE

SHOES.

And House Furnishings of Ev-

ery Kind.

OLIN P. ELY & BRO., 208 & 210 West 125th St. New York City.

INFANTS' OUTFITS,

New York Prices

DRY GOODS.

GENTS' FURNISHINGS,

BOYS' CLOTHING.

WORTHINGTON & CO.

New York Styles.

747 Broadway N. Y.

UPHOLSTERY.

LADIES' UNDERWEAR

extra. \$6.00.

FIFTEENTH YEAR. VOL. XIV. NO. 15

#### Methods.

A paper read at the Annual Meeting of the State Board of Agriculture, January 15th, 1891, by John L. Finley, Ford County, Kan-

There are three methods of irrigation theoretical, scientific and practical.

Theoretical irrigation is that kind treated by politicians, newspaper writers and stock-jobbing ditch builders; the one to get office, the other for notoriety, the last to make money selling stocks. Neither ever expect to see water used by farmers for the purpose of raising crops but only for the purpose of using water to raise wind.

Scientific irrigation is the method used by scientific professors, late graduates of Hutchinson News. our modern coileges and by Prof. Powell of the geological survey at Washington. The one to show their knowledge of Latin and Greek words, unpronounceable and unknown to the average reader. The other to exhibit their learning, the last to hold on to a fat office that will not solve the problem of irrigation for the next six generations.

their present sojourn on earth.

As far as the Arkansas river valley is concerned that can be easily done, as it is now practically settled that the underflow with the water flowing in the river will be sufficient, if properly utilized, to irrigate millions of acres within a radius of twenty to forty miles of the river. As the river has a fall of seven feet to the mile and a ditch can be run on much less grade by running the ditch up the river for two to four miles, a sufficient depth can be made. Sheet water or underflow that extends to an unknown breadth under the bottom lands, so that sufficient water can be procuted to fill a moderate sized ditch, say from twelve to sixteen feet wide that will irrigate three to five townships of land. This underflow is practically on a level with the river bed, and as far as tested is constant and steady without regard to the amount of water in the stream. Now the practical use of this water for irrigating purposes in southwestern Kansas no one any more questions, as the last three or four years have fully convinced all that farming is a success only by irrigation, and by irrigation this part of the state can be made the garden of the earth, as wherever tried with any degree of fairwherever tried with any degree of fairness, everything planted has proved a sure success, and ground that was thoroughly irrigated for corn one year produced an extra crop of wheat the next without more water being used, thus demonstrating that a small amount of water properly utilized will produce marked ganizations. Read what is said of it: properly utilized will produce marked ganizations. Read what is said of it: results in the way of raising crops. Now INDUSTRIAL PUBLISHING CO.: entific plan of procuring water but a plain practical method. Individuals and small communities of farmers have dug small communities of farmers have dug ditches and shown the practicability of ditches and shown the practicability of carries the factor of the communities of farmers have dug ditches and shown the practicability of carries the factor of the communities of farmers have dug ditches and shown the practicability of carries the factor of the communities of farmers have dug ditches and shown the practicability of carries the factor of the communities of the communitie I do not propose any theoretical or sciriver, and as land in western Kansas is practically of no value now without irrigation, I propose to make the land pay for its own increased value by taxing it to dig and build ditches in every township within twenty miles of the river, therefore, we will request and urge the present legislature to give the townships or districts the right to vote bonds to the amount of one dollar per acre of the land actually under the irrigating ditch, to dig and build them, and the township or irrigating district shall of your local Alliance, Grange, F. M. B. own and operate the same for their own A., or other societies write us for particuse under such regulations as such district shall direct by a board of trustees or farm organization, write us yourself for commissioners. By this method and descriptive circular, etc.

large amount of land. Then have water sold by the inch, so a farmer will know what he is getting and paying for, and at a fair price, and by encouraging farmers to build large or small reservoirs to store water for use when needed, a large part of western Kansas can be made the finest farming country on the earth, and in place of ten to twelve bushels of wheat we can raise thirty to forty to the acre, and in place of no corn we are sure to raise forty to sixty bushels every year without fail, and vegetables unlimited.

these means I believe that water can be

conveyed to every township within 20

miles of the Arkansas river, and make

land that is now of little or no value

worth from twenty to fifty dollars per

acre-and then place the water at a mere

nominal price to what is now charged by

the big irrigating canals that do not fur-

nish water when most needed. The far-

these soulless corporations-and these

small ditches can, from the underflow,

be, at all times, kept full of water, and

as irrigation can be carried on nearly as

well in winter as summer, a less amount

of water will be required to irrigate a

And this way of the people owning the ditches and having control of the water themselves and using it for their own good is in strict line with the principles as laid down by the farmers' alliance, "That the people should control their own interests," and not soulless corporations. I will this year, as I did last year, request the legislature to appoint a com-

Practical Irrigation by Practical missioner of irrigation, and put the state chartered ditches that sell water for revenue, under the same regulations in regard to selling water that railroads are as to transportation.

Since the foregoing paper was read at the annual meeting of the State Agricultural Society, the legislature has several bills before it to form irrigating districts and permitting the citizens to vote bonds to build ditches, and I think some of to build ditches, and I think some of these bills will become laws before the legislature adjourns.

A BIG SCHEME.

The World to be Heated by a Series of East Series On East Series of East Series of East Series of East Series of Ea

Radiators.

Yesterday was something of a dull day 462
all around owing to the rain and the uptown freight office of the Rock Island 472
473 was no exception to the rule.

G. E. Johnson improved the time 475 evolving the plans for a gigantic heating apparatus that for boldness of design and 479 magnitude of the thing would render 486 Col. Sellers proposition to buy up all 487 Practical irrigation is the method by which the farmers of southwestern Kansas hope to solve the problem, and use the water for irrigation purposes during the means is too good to keep, so here goes.

The scheme is to have large steam radiators surrounding the city at distances 505 from each other of about ten rods. Auother row of radiators is to extend the entire length of Main street, and another 518 east and west at about Sherman street. Mr. Johnson claims that this would in- 521 sure sufficient warmth to supply the entire city, and men could go along the streets without coats and the ladies without wraps. The radiators to be heated by means of a vast furnace and sent to each radiator through pipes. Mr. Johnson first desires to heat one city, and if his calculations are correct the experiment will meet with so much favor that it will only be a question of time before the government will take the matter in hand and banish winter from the entire United States.

This is undoubtedly the most important movement of the century, and if it works will make the name of G. E. John-son the most illustrious in the galaxy of great names and be of everlasting benefit to the world. It will, of course, take a good deal of money even to test the experiment, but it was learned late last night that E. E. Barton offered to head a subscription list with a million dollars and A. Z. Hamilton offered to put up a like amount simply to test the matter.

#### Have You Read

W. A. KELSEY.

Sec. Indiana Farmers' Alliance. INDUSTRIAL PUBLISHING CO.:

I unbesitatingly recommend "The Riadle of the Sphnix" to every F. M. B. A. member, It is a glorious book for the farmer's cause and Mr. Ashby has rendered a great service to the people by writing it. W. T. STILLWELL,

President General Assembly, F. M. B. A. No middleman's profit. Sold to the farmer direct from the publishers at the wholesale prices. Have the Secretary ulars, or if you do not belong to any

INDUSTRIAL PUBLISHING CO., 201 Monon Block, Chicago.

Secretaries of all farm organizations should write for particulars and price.

#### Specimen Cases.

S. H. Clifford, New Cassel, Wis., was troubled with Neuralgia and Rheumatism. his Stomach was disordered, his Liver was mers will be placed out of the grasp of fell away, and he was terribly reduced in flesh and strength. Three bottles of Electric Bitters cared him.

Edward Shepherd, Harrisburg, Ill., had a running sore on his leg of eight years' standing. Used three bottles of Electric Bitters and seven boxes of Bucklen's Arnica Salve, and his leg is sound and well. John Speaker, Catawba, O., had five large fever sores on his leg, doctors said he was in-curable. One bottle of Electric Bitters and one box Bucklen's Arnica Salve cured him entirely. Sold by City Drug Store. 3

#### A Matter of Taste.

A few folks like old-fashioned things, old ciothes, old houses and old books. Others want modern articles. The latter class is in the majority. There are a few old fogies who prefer slow trains, light rails, hand brakes and big smokestacks. The rest of mankind enjoy traveling close to mile a minute on steel rails. in vestibule cars, with every home comfort at hand.

The Santa Fe Route between Kansas City and Chicago is a modern line for

people of the 19th century. G. T. Nicholson, G. P. & T. A., Tope-

#### DR. S. J. CRUMBINE,

PHYSICIAN & SURGEON.

OFFICE OVER STORE. Residence: Corner First Ave. and Vine st.

CRUMBINE & STEWART.

#### PHARMACISTS.

Pure Drugs and Chemicals, Patent Medicines, Tollet Articles, Stationery etc. Zimmermann Block CHESTNUT STREET

M. W. SUTTON.

H. McGARRY, Notary Public

#### Sutton & McGarry, Attorneys - at - Law.

Will make collections and practice in all the courts, and in the Land Office. Land Cases and Contests promptly

attended to. Office, First Floor Dodge City Bank

DODGE CITY,

#### Wm. T. S. CURTISS,

Attorney and Counselor at Law. Kellogg Building, 1416 F Street N. W., Wash-

ington, D. C.
Practices before the Supreme Court of the United States, Court of Claims, Supreme Court of the District of Columbia and Government Beneatters. ernment Departments.
Obtains patents to all classes of PUBLIC
LANDS, and gives special attention to Contests
before the General Land Office and Interior

Department.
Special terms, made with non-resident at torneys having cases before the department.

torneys having cases before the departments on appeal.
References: Hon. S. R. Peters, Newton, Ks; Hon. E. J. Turner, Hoxie, Kas; Hon. Tho's Ryan, Topeka, Kas; Hon. E. G. Ross, Governor of New Mexico; Hon. S. J. Crawford, ex-Gov. of Kansas; Theod. F. Wood, treasurer U. S. Expess Co. N. Y. City: Shellabarger & Wilson, Wm. E. Earl and Walter D. Davidge, Washington D. C.

Harwood Best in the World.

Send for Catalogues. Quitars.

Violins, Banjos, Accordeons, Etc. SAVE 40 PER CENT.

J. W. Jenkins & Son.

615 Main St., Kansas City, Mo.

BARRIEVen benefied at nor SET line of work,

### THE PRESS

FOR 1891.

WHARTON'S. Queens of Society. With preface by Justin H. McCarty, illustrated. 2 vols., demy 8vo. English Edition 1890, \$5.00 In half morocco extra \$10.00. DAILY. SUNDAY. WEEKLY.

The Aggressive Republican Journal of the Metropolis.

A Newspaper for the Masses. Founded December 1st, 1887.

#### CIRCULATION OVER 100,000 DAILY.

THE PRESS is the organ of no faction pulls no wires; has no animosities to

The most remarkable newspaper suc cess in New York.

The Press is now a National News paper, rapidly growing in favor with repubicans of every state in the Union.

Cheap news, vulgar sensations and trash find no place in the columns of the PRESS. It is an expensive paper, published at the low est price American currency permits. THE PRESS has the brightest editorial page

n New York. It sparkles with points. THE PRESS SUNDAY EDITION IS a spisndid sixteen page paper, covering every current topic of interest.

THE PRESS WEEKLY EDITION contains all he good things of the Daily and Sunday editions with special features suited to a weekly publication. For those who cannot afford the Daily or are prevented from early receiving it, the weekly is a splendid substitute.

#### THE PRESS.

Within the reach of all. The best and cheap

est	news	paper pu	blishe	d in	Am	eri	ca.
Daily	and	Sunda	y, one	Ye	ar,		\$5,00
- 66	66	46	6 m	on	the		2.50
4	66	44	one	-			.45
Daily only, one year,							3.00
44	46	four m	onth		- 1		1.00
Sand	ay on	ly, one	year				2.00
Week	ly. e	me year	-	- 2			- 1.00

Send for THE PRESS Circular with full par culars and list of excellent premiums

THE PRESS, New York

Small Profits and Quick Sales and One Price to all, is the Motto of our Business. \* \* \* \* \*

## Semi-Annual Clearance Sale

AT THE



During the month of January we shall make a BIG CUT in everything pertaining to winter goods. There is lots of cold weather before us yet, and the prices will be so low that they will insure a quick sale, so be one of the first to make money by saving money.

## Cut Prices in

Plush Sacques.

Cloth Uisters.

Cloth Jackets.

Wool Dress Goods.

Wool Flannels.

Blankets.

Comforts.

Underwear.

Wool Shirts.

Mens' Caps.

Shoes, etc.

Mens' Hats.

Boys Clothing.

Mens' Clothing.

Overcoats.

The reduction on the above goods make them very desirable bargains, and worth the visit to see and inspect of all frugal and economical buyers.

Respectfully,

# Itrange Summersby